DEC 1 9 2003 CO

Attorney's Docket No.: 42P13557

Confirmation No.: 2936

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Timothy M. Takeuchi

Examiner: Vu, Quang D.

Application No: 10/038,806

Art Unit: 2811

Filed: January 02, 2002

For: SEMICONDUCTOR PACKAGE WITH INTEGRATED HEAT SPREADER ATTACHED TO A THERMALLY

CONDUCTIVE SUBSTRATE CORE

MS: Non-Fee Amendment Commissioner For Patents P. O. Box 1450 Alexandria, VA 22313-1450 TECHNOLOGY CENTER 2800

AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated September 17, 2003, Applicant respectfully requests that the above-identified application be amended as follows and that the following remarks be considered:

FIRST-CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail with sufficient postage in an envelope addressed to MS: Non-Fee Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on:

December 16, 2003

Date of Deposit

Dianne Neathery

Name of Person Mailing Correspondence

Dianue Neathern Signature

December 16, 2003

Date

Inventor(s): Timothy M. Takeuchi Application No.: 10/038,806

Examiner: Vu, Quang D. Art Unit: 2811

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RECEIVED

DEC 1 9 2003

Go.						
AMENDMENT TRANSMITTAL PATENT						
Application No.: 10/038,806						
Filing Date: January 2, 2002						
First Named Inventor Timothy M. Takeuchi						
Examiner's Name: Vu, Quang D.						
Art Unit:2811 Attorney Docket No.:42P13557						
Automey Bocket No.: 421 10007						
An Amendment After Final Action (37 CFR 1.116) is attached and applicant(s) request expedited action.						
X Charge any fee not covered by any check submitted to Deposit Account No. 02-2666.						
X Applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or						
future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 CFR 1.16 and 1.17, for any concurrent or future reply to Deposit Account No. 02-2666.						
Applicant(s) claim small entity status (37 CFR 1.27).						
ATTACHMENTS						
Preliminary Amendment						
X Amendment/Response with respect to Office Action dated 09/17/2003.						
Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal)						
Notice of Appeal						
RCE (Request for Continued Examination)						
Supplemental Declaration						
Terminal Disclaimer (reminder: if executed by an attorney, the attorney must be properly of record)						
Information Disclosure Statement (IDS)						
Copies of IDS citations						
Petition for Extension of Time						
Fee Transmittal Document (that includes a fee calculation based on the type and number of claims)						
Cross-Reference to Related Application(s)						
Certified Copy of Priority Document						
Other:						
Other:						
Check(s)						
X Postcard (Return Receipt)						
SUBMITTED BY:						
BLAKELY SOKOLOEE TAYLOR & ZAEMAN LLD						
Other: Check(s) Y Postcard (Return Receipt)						
	<u>.</u>					
REG. NO.: 35,934	—,,					
DATE: December 16, 2003 ADDRESS: 12400 Wilebirg Pouloverd Soverth Floor						
ADDRESS: 12400 Wilshile Boulevard, Seventi Floor						
Los Angeles, California 90025	$-\tilde{I}$					
TELEPHONE NO.: (408) 720-8300	f					
CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)	<u>;</u>					
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to MS: Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: December 16, 2003						
Date of Deposit	-					
Dianne Neathery Name of Person Mailing Correspondence	-					
December 16, 2003	_					
Signature Date						
Express Mail Label No. (if applicable):	_					

FEE TRANSMITTAL FOR FY 2004 (FY 2004 Begins 10/01/2003) TOTAL AMOUNT OF PAYMENT (\$) .00 Complete if Known: Application No. 10/038,806 01/02/2002 Filing Date First Named Inventor Timothy M. Takeuchi Examiner Name Vu, Quang D. Art Unit 2811 Attorney Docket No. 42P13557 Applicant claims small entity status. See 37 CFR 1.27. **METHOD OF PAYMENT** (check all that apply) Credit Card Money Order _____ Other None **Deposit Account Deposit Account Number:** 02-2666 **Deposit Account Name:** X The Director is Authorized to do the following with respect to the above-identified Deposit Account: Charge fee(s) indicated below. X Credit any overpayments. Charge any additional fees during the pendency of this application. Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged. Charge fee(s) indicated below except for the filing fee. **FEE CALCULATION** 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee (\$) (\$) Code Code Fee Description Fee Paid Utility application filing fee 1001 770 2001 385 Design application filing fee 1002 340 2002 170 Plant filing fee 1003 530 2003 265 Reissue filing fee 1004 770 2004 385 Provisional application filing fee 1005 160 2005 80 SUBTOTAL (1) \$ FebPaid 00.00 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 2003 Fee from **Extra Claims** below **Total Claims** 18.00 X Independent Claims 4 X 86.00 .00 **Multiple Dependent** **Or number previously paid, if greater; For Reissues, see below. **Large Entity Small Entity** Fee Fee Fee Fee Code **Fee Description** (\$) Code (\$) 1202 2202 Claims in excess of 20 18 1201 Independent claims in excess of 3 86 2201 43

-1-

**Reissue independent claims over original patent

**Reissu claims in excess of 20 and over original patent

SUBTOTAL (2)

.00

Multiple dep ndent claim, if not paid

1203

1204

1205

2203

2204

2205

145

43

9

290

86

18

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large	Entity	Small_E	intitu		
Fee	Fe	Fee	Fee		
Code	(\$)	Code	(\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	1 co i aiu
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter parties reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290 4 540	2403	145	Request for oral hearing	
1451 1452	1,510 110	1451 2452	1,510 55	Petition to institute a public use proceeding Petition to revive – unavoidable	
1452	1,330	2452 2453	665	Petition to revive – unavoidable Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	<u>m</u>
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	m o
1806	180	1806	180	Submission of Information Disclosure Stmt	· E
8021	40	8021	40	Recording each patent assignment per	0
				property (times number of properties)	Ū.
1809	770	2809	385	For filing a submission after final rejection	2003 TER
4044	440	0044		(see 37 CFR 1.129(a))	
1814	110	2814	55 205	Statutory Disclaimer	2
1810	770	2810	385	For each additional invention to be examined (see 37 CFR 1.129(b))	800
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design	
				application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,330	1454	1,330	Acceptance of unintentionally delayed claim for priority	
Other 1	fee (specif	y)			
Other f	fee (specif	y)			
	, - ,	- / 		CUDTOTAL (2) &	
*Reduce	ed by Basic	Filina Fee	Paid	SUBTOTAL (3) \$	
	ITTED BY				
Typed	or Printe	d Name:	Micha	el A. Bernadicou	
	ture:	n (Date: December 16, 2003	
_	,	05.004			· · · · · · · · · · · · · · · · · · ·
Reg. N	lumber:	35,934		Telephone Number:(408) 720-8300	
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Send to: Commissioner f r Patents, P.O. Box 1450, Alexandria, VA 22313-1450